

Converting Colors

HunterLab(17.0226, -13.3461,
7.5335)

Have a look what the booklet for
HunterLab(17.0226, -13.3461,
7.5335) contains.

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Color

**HunterLab(16.9890,
-13.3508, 7.5858)**

Conversions

Conversions Part 1

Format	Color
Hex	003816
RGB	0, 56, 22
RGB Percent	0%, 22%, 9%
CMY	1.0000, 0.7804, 0.9137
CMYK	1.00, 0.00, 0.61, 0.78
HSL	144°, 100%, 11%
HSV	144°, 100%, 22%
XYZ	1.5590, 2.8863, 1.2340
YIQ	35.3800, -22.4620, -22.4460

Conversions

Conversions Part 2

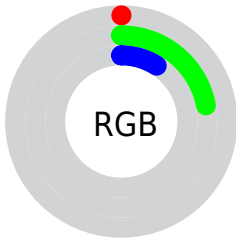
Format	Color
RYB	0, 40, 56
Decimal	14358
CIELab	19.58, -26.33, 16.42
CIELCh	20, 31.036, 148.047
Yxy	2.8864, 0.2745, 0.5082
Android (android.graphics.Color)	4278204438 (0xFF003816)
YUV	35.3800, -6.5963, -31.0283
Hunter-Lab	16.9890, -13.3508, 7.5858

Details

The HunterLab color **16.9890, -13.3508, 7.5858** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **9.7790, 17.9275, -2.8363**, and the grayscale version is **13.1107, -0.6996, 0.7123**.

A 20% lighter version of the original color is **33.2428, -18.4300, 10.9686**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **16.9893, -13.3511, 7.5860**, and if you desaturate by 10%, it is **17.1363, -12.6538, 7.0767**.

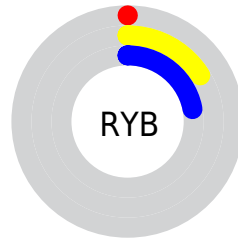
Distribution



Red (0%)

Green (22%)

Blue (9%)



Red (0%)

Yellow (16%)

Blue (22%)

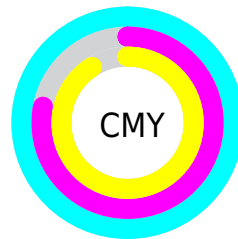


Cyan (100%)

Magenta (0%)

Yellow (61%)

Black (78%)



Cyan (100%)

Magenta (78%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.9890, -13.3508, 7.5858 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 16.9890, -13.3508, 7.5858 by changing the saturation by 10% instead.

■ 16.9890, -13.3508,
7.5858

■ 16.9890, -13.3508,
7.5858

■ 112.6443,
-32.5734, 21.4570

■ 10.3571, -11.8258,
7.2110

■ 33.1685, -18.3626,
11.0361

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 42.5109, -20.6073,
12.6202

0.0000, NaN, NaN

■ 52.5956, -22.7456,
14.1514

0.0000, NaN, NaN

■ 63.3715, -24.8055,
15.6468

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.7970, -26.8061,
17.1180

0.0000, NaN, NaN

■ 86.8368, -28.7613,

0.0000, NaN, NaN

18.5730

■ 99.4612, -30.6812,
20.0179

■ 16.9890, -13.3508,
7.5858

■ 16.9890, -13.3508,
7.5858

■ 16.9893, -13.3511,
7.5860

■ 17.1363, -12.6538,
7.0767

■ 17.2878, -11.9346,
6.5013

■ 17.4676, -11.0982,
5.8821

■ 17.6877, -10.1001,
5.2340

■ 17.9494, -8.9430,
4.5632

■ 18.2533, -7.6329,
3.8760

■ 18.5995, -6.1784,
3.1786

■ 18.9876, -4.5901,
2.4767

■ 19.4170, -2.8801,
1.7757

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16.9893, -8.3770, 10.3378



16.9890, -13.3508, 7.5858



16.9893, -15.0970, 1.4823

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16.9893, -13.3510, 7.5859



16.9893, -1.4996, -25.5394



16.9893, 17.4578, 7.0373

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



16.9890, -13.3508, 7.5858



9.7790, 17.9275, -2.8363

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.9893, 20.3556, 0.3477



16.9890, -13.3508, 7.5858



16.9893, 8.1278, -21.3009

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16.9893, -13.3510, 7.5859



16.9893, -9.2114, -20.1282



16.9893, 16.6344, -10.4532



16.9893, 9.3800, 10.0797

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16.9890, -13.3508, 7.5858



16.9893, -14.5489, -5.0824



16.9893, 16.6344, -10.4532



16.9893, 19.1360, 5.3156

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



16.9893, -13.3510, 7.5859



24.3846, -8.4297, 4.3210



17.8260, -10.2508, 10.8048



13.0214, -4.6615, 2.3829



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.9893, -13.3510, 7.5859



22.3156, -17.7124, 10.3434



17.4762, -10.3748, 0.5526



10.5774, -1.4027, 0.9006



27.8342, -22.2291, 13.1959



71.7594, -58.1787, 35.8982

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9.7790, 17.9275, -2.8363



12.8162, 23.4202, -3.1303



9.2473, 15.9906, 4.7750



10.1600, 0.3226, 0.2336



15.9624, 29.1085, -3.4258



40.9929, 74.3424, -5.6106

Previews

White Background



This preview shows how the HunterLab color 16.9890, -13.3508, 7.5858 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

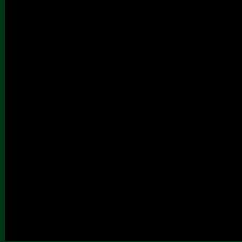
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 16.9890, -13.3508, 7.5858 Background



This preview shows how black text looks on a background with the HunterLab color 16.9890, -13.3508, 7.5858.



This preview shows how white text looks on a background with the HunterLab color 16.9890,

-13.3508, 7.5858.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

16.9890, -13.3508, 7.5858

Protanopia

17.1717, -1.9368, 8.2621

Deuteranopia

17.1872, 0.6235, 7.4289



Tritanopia

17.0938, -5.9238, -2.9969

Trichromacy



Original Color

16.9890, -13.3508, 7.5858

Protanomaly

16.6189, -7.8284, 7.5723

Deuteranomaly

16.6109, -6.4510, 7.0382

Tritanomaly

16.7971, -9.1100, 1.7798

Monochromacy



Original Color

16.9890, -13.3508, 7.5858

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

14.1141, -6.6258, 3.4212

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.9890, -13.3508, 7.5858 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 56, 22)` looks like.

```
.text, #text, p{  
    color:rgb(0, 56, 22)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 56, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 56, 22) }
```

Border

The CSS property to change the border of an element to HunterLab 16.9890, -13.3508, 7.5858 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 56, 22) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 56, 22) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 56, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 56, 22); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 56, 22); box-shadow:4px  
4px 4px 4px rgb(0, 56, 22) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.9890, -13.3508, 7.5858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 56, 22) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 56,  
22) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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